

06-18-01

A

UTILITY PATENT APPLICATION TRANSMITTAL
(only for new and continuation-in-part
nonprovisional applications under 37 CFR
1.53(b))

Docket No.:
P-RD 4806

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Lijan Puthuvalil

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This is a request for filing a
X new utility patent application under 37 CFR 1.53(b)(1).
____ continuation-in-part under CFR 1.53(b)(2) of prior
application serial no. _____, filed _____
(list entire parentage).

Title: USE OF PHOSPHOROTHIOLATE POLYNUCLEOTIDES IN LIGATING
NUCLEIC ACIDS

Inventor(s) (full name of each inventor): Alex B. Burgin, Jr.
Lance J. Stewart

Enclosed are:

X Return receipt postcard
____ Patent Application Bibliographic Data Sheet
X 1 Page application cover sheet
x 86 Pages of specification (includes claims and abstract)
x 9 Sheets of drawing(s)
____ Pages of an executed Declaration for Patent Application
____ An executed Power of Attorney for Patent Application by
Assignee
x Paper copy of sequence listing, pages 1 through 15
x Sequence listing in computer readable form
x Statement Under 37 CFR 1.821(f)
____ An executed assignment and cover sheet
____ An executed Statement Under 37 CFR 3.73(b)
____ An executed small entity statement
____ Request for Nonpublication and Certification
____ Also enclosed: _____

____ This application is based on prior foreign application(s)
No.(s) _____, filed in _____ on _____
_____, respectively, and priority is hereby claimed
therefrom.

x This application is based on, and claims the benefit of,
U.S. Provisional Application No. 60/290,313, filed May 10,
2001, and entitled **USE OF PHOSPHOROTHIOLATE POLYNUCLEOTIDES
IN LIGATING NUCLEIC ACIDS**, and which is incorporated herein
by reference.

11046 U.S. PTO

09/88274

06/15/01

06/15/01
jc839 U.S. PTO

Inventor(s): Burgin and Stewart
Docket No.: P-RD 4806
Page 2

The filing fee has been calculated as shown below:

	Number Filed		Number Extra		Rate			Fee	
					Small Entity	Other Entity		Small Entity	Other Entity
Total Claims	56- 20	=	36	x	\$9	\$18	=	\$	\$
Indepen- dent Claims	10 - 3	=	7	x	\$40	\$80	=	\$	\$
Multiple Dependent Claims Presented: ___ Yes <u>x</u> No					\$135	\$270		\$	\$
					BASIC FEE			\$355	\$710
					TOTAL FEE			\$	\$

___ A check in the amount of \$ _____ to cover the filing fee is enclosed.

x The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.

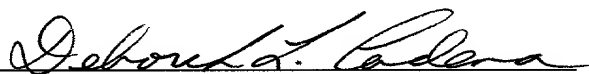
___ The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.

Address all future communications to:

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USPTO CUSTOMER NO. 23601

Respectfully submitted,

Date: June 15, 2001


Deborah L. Cadena
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PATENT

Our Docket: P-RD 4806

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Burgin and Stewart)
Serial No.: Unknown)
Filed: Herewith)
For: USE OF PHOSPHOROTHIOLATE)
POLYNUCLEOTIDES IN)
LIGATING NUCLEIC ACIDS)

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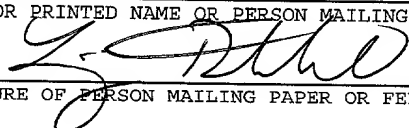
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Washington, D.C. 20231


(SIGNATURE OF PERSON MAILING PAPER OR FEE)

Sir:

STATEMENT UNDER 37 C.F.R. § 1.821(f)

I hereby state that the content of the paper and
computer readable copies of the Sequence Listing, submitted in
accordance with 37 CFR § 1.821(c) and (e), respectively, are the
same.

Respectfully submitted,

June 15, 2001

Date



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